

02-22-00

PTO/SB/05 (2-98)

Please type a plus sign (+) inside this box →

Approved for use through 9/30/00. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY  
PATENT APPLICATION  
TRANSMITTAL

Attorney Docket No.

15-CT-5271

First Named Inventor or Application Identifier

Min Xie et al.

Title

METHOD AND APPARATUS FOR FAST NATURAL LOG(X)  
CALCULATION

Express Mail Label No.

EL319728805US

For new nonprovisional applications under 37 CFR 1.53(b)

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

- 1.
- ☒
- Fee Transmittal Form (e.g., PTO/SB/17)
- 
- (Submit an original, and a duplicate for fee processing)

- 2.
- ☒
- Specification (Total Pages
- 17**
- )

(Preferred arrangement set forth below)

- Descriptive title of the invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

- 3.
- ☒
- Drawing(s) (35 USC 113) (Total Sheets
- 2**
- )

4. Oath or Declaration (Total Pages
- 1**
- )

- a. ☐ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)  
[Note Box 5 below]
- i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named  
in the prior application, see 37 CFR 1.63(d)(2) and  
1.33(b).

- 5.
- ☐
- Incorporation by Reference (useable if Box 4b is checked)
- 
- The entire disclosure of the prior application, from which a copy of the
- 
- oath or declaration is supplied under Box 4b, is considered as being part
- 
- of the disclosure of the accompanying application and is hereby
- 
- incorporated by reference therein.

- 6.
- ☐
- Microfiche Computer Program (Appendix)

7. Nucleotide and/or Amino Acid Sequence Submission
- 
- (If applicable, all necessary)

- a. ☐ Computer Readable Copy
- b. ☐ Paper Copy (identical to computer copy)
- c. ☐ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

8. ☐ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
14. ☐ Small Entity Statement(s) ☐ Statement filed in prior application,  
(PTO/SB/09-12) Status still proper and desired
15. ☐ Certified Copy of Priority Document(s)  
(If foreign priority is claimed)
16. ☒ Other: Express Mail Certificate; Declaration and Power of Attorney for  
purposes of identification of inventors only

\*NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL  
ENTITY STATEMENT IS REQUIRED (37 C.F.R. §1.27), EXCEPT IF ONE FILED IN A PRIOR  
APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No:  
Prior application information: Examiner: Group/Art Unit:

## 18. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Labelor ☐ Correspondence address below

(Insert Customer No. or Attach bar code label here)

NAME	John S. Beulick				
	Armstrong Teasdale LLP				
ADDRESS	One Metropolitan Square				
	Suite 2600				
CITY	St. Louis	STATE	MO	ZIP CODE	63102-2740
COUNTRY	U.S.A.	TELEPHONE	(314) 621-5070	FAX	(314) 621-5065

Name (Print/type)	Alan L. Cassel	Registration No. (Attorney/Agent)	35,842
Signature	Alan Cassel		Date Feb. 19, 2000

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Office, Patent and trademark Office, Washington, DC 20231. DO NOT

CERTIFICATE OF MAILING BY EXPRESS MAIL TO  
THE COMMISSIONER OF PATENTS AND TRADEMARKS

Express Mail mailing label number: **EL319728805 US**

Date of Mailing: February 18, 2000

I certify that the attached continuation patent application of **MIN XIE AND SHARON X. WANG** for **METHOD AND APPARATUS FOR FAST NATURAL LOG(X) CALCULATION** (Attorney Docket No.15-CT-5271) including:

- Certificate of Mailing Via Express Mail (1 pg.)
- Utility Patent Application Transmittal (1 pg.)
- Fee Transmittal (in duplicate) (1 pg.)
- Declaration and Power of Attorney (2 pgs.)(for purposes of identification only)
- Eight (8) pages of specification; eight (8) pages of claims; one (1) page of abstract
- Two (2) sheets of drawings
- Return post card

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above in an envelope addressed to the Assistant Commissioner for Patents, Box PATENT APPLICATION, Washington, D.C. 20231.



Alan L. Cassel  
Reg. No.35,842  
Armstrong Teasdale LLP  
One Metropolitan Square, Suite 2600  
St. Louis, MO 63102  
(314) 621-5070

005720: 04900